# **LMA District Cover Sheet**

### **Spring 2010 Levee Inspection Results**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)				
* Overall LMA Rating (Fall Only)								
	** Non-receipt of Su	mmer or Winter Inspe	ection Reports may effect	ct overall annual ratinç				
* SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.  FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.								
omments								

#### **Unit Cover Sheet**

## **Spring 2010 Levee Inspection Results**

	waten	way		Bank	Unit Miles				
	Unit No. 01 San	Joaquin River		Left	3.20				
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)				
Unit Maintenance Rating (Fall Only)									
Date of Inspection	4/27/2010 - 4/27/2010								
DWR Inspector	John Paasch								
Accompanied By	Jim Coddington RD 2101								
Check one:									
<ul> <li>During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.</li> <li>During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.</li> <li>(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).</li> </ul>									
Comments									
information must also be	3	eet should be signed an	d dated by the LMA Representh 31 (Winter Inspection). Pleaspection Reports, Room LL-30	itative an	d returned to				
x									
Signature of LMA Repres	sentative		Date						

## Levee Inspection Report By Mile - Spring 2010

# **Reclamation District No. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.20	04/27/2010 04/27/2010	John Paasch

LMR No.	Levee Start	Mile End	Category	Item	Location *	Rating	Action/Comment	GPS Latitude	e/Longitude End	Issue No. Photo
1	0.04	1.61	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	37.657742 ° -121.253894 ° -		6 Y
2	0.04	0.17	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	37.657743 ° -121.253894 ° -		4 Y
3	0.04	2.79	Earthen Levee	Vegetation	WS	С	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Last Fall, Fish & Game stated they would now allow vegetation maintenance on water side. Significant improvement has been made since on the waterside.	37.657587 ° -121.254147 ° -		2
4	0.04	0.14	Earthen Levee	Trim / Thin Trees	WS	С	Trim and thin trees to allow visibility of the ground and room to flood fight.  Inspector Comments: Last Fall, Fish & Game stated they would now allow vegetation maintenance on water side. Improvements are being made.	37.657583 ° -121.254142 ° -		3
5	0.09	0.21	Earthen Levee	Vegetation	LS	С	Remove the wild growth other than native grasses from the levee slopes.	37.657696 ° -121.253099 ° -	37.657234 ° 121.251512 °	947
6	0.17	0.17	Earthen Levee	Animal Control	CR	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	37.656892 ° -121.252109 ° -		948
7	0.19	0.19	Earthen Levee	Encroachments	CR	W	Pipe	37.657128 ° -121.251692 ° -		7 Y
8	0.34	0.34	Earthen Levee	Encroachments	LS	М	Material Inspector Comments: Beaver Dam removed from ditch has been placed at toe of levee.	37.658307 ° -121.249700 ° -		8
9	0.49	0.49	Earthen Levee	Trim / Thin Trees	WS	M	Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: Last Fall, Fish & Game stated they would now allow vegetation maintenance on water side. Improvements are being made.	37.660007 ° -121.248065 ° -		5 Y
10	0.73	0.73	Earthen Levee	Vegetation	WS	М	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Wild Rose has been trimmed back some.	37.659856 ° -121.243806 ° -		9
11	0.76	1.80	Earthen Levee	Encroachments	LS	РО	Agricultural Ditch	37.659827 ° -121.243675 ° -	37.651049 ° 121.231475 °	944 Y
12	0.76	0.76	Earthen Levee	Trim / Thin Trees	WS	М	Thin trees to allow visibility of the ground and room to flood fight.	37.659723 ° -121.243384 ° -		10
13	0.86	0.86	Earthen Levee	Trim / Thin Trees	WS	М	Thin trees to allow visibility of the ground and room to flood fight.	37.658733 ° -121.241944 ° -		11

* Location				
LS : Land Side				
WS : Water Side				

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected

## Levee Inspection Report By Mile - Spring 2010

# **Reclamation District No. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.20	04/27/2010 04/27/2010	John Paasch

LMR	Levee	Mile	0-1		Location	Rating			GP:		de/Longitude	Issue No.
No.	Start	End	Category	Item	ation	*ing	Action/Comment	Start	End	Photo		
14	0.91	0.91	Earthen Levee	Trim / Thin Trees	WS	М	Thin trees to allow visibility of the ground and room to flood fight.		37.658432 ° -121.241344 °	12		
15	1.18	1.18	Earthen Levee	Encroachments	WS	С	Tree or limb		37.654722 ° -121.240698 °	950		
16	1.35	1.35	Earthen Levee	Vegetation	WS	M	Elderberries are blocking visibility and flood fight capability.		37.653066 ° -121.238162 °	951		
17	1.40	1.40	Earthen Levee	Crown Surface / Depressions / Rutting	ws	М	Inspector Comments: Several lateral cracks have appeared on levee crown.		37.652835 ° -121.237586 °	952		
18	1.61	1.82	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.		37.650822 ° -121.230702 °	15 Y		
19	1.61	1.61	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: Pipe penetrates through levee. Closure valve on water side slope.	37.651552° -121.234346°	37.651552 ° -121.234346 °	13 Y		
20	1.62	1.84	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	37.651574 ° -121.234326 °	37.650752 ° -121.230369 °	14 Y		
21	1.62	1.84	Earthen Levee	Trim / Thin Trees	WS	M	Thin trees to allow visibility of the ground and room to flood fight.		37.650748 ° -121.230342 °	26 Y		
22	1.84	2.02	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.		37.649671 ° -121.227499 °	16		
23	1.91	2.00	Supplemental	DWR Erosion Survey	WS	U	Inspector Comments: 2009: recommend annual assessment and monitoring of critical erosion site, per CLRO CES Evaluation 2008 Report; an eddy has formed, eroding bank and intruding into the levee prism; site # same as RM76.3,LM1.89; previously rated "U" [2009 SitelD:RD2101U1RM73.92]		37.650259 ° -121.228961 °	1 Y		
24	1.98	1.98	Earthen Levee	Animal Control	CR	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.		37.650001 ° -121.228070 °	953		
25	2.04	2.04	Earthen Levee	Crown Surface / Depressions / Rutting	CR	W	Inspector Comments: Dips in the road at 30-ft intervals could be due to lateral cracking in the levee and/or shallow animal burrows. The road is graded annually to smooth road surface but subsurface condition is unknown.		37.649547 ° -121.227316 °	954		
26	2.06	2.06	Earthen Levee	Animal Control	CR	М	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.		37.649382 ° -121.226997 °	955		
27	2.26	2.35	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	37.647185 ° -121.225085 °	37.646061 ° -121.225928 °	17		

\* Location LS : Land Side WS : Water Side CR : Crown \*\* Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected

## Levee Inspection Report By Mile - Spring 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.20	04/27/2010 04/27/2010	John Paasch

LMR	Levee	Mile	Catagony	Item	Location	Rating	Action/Comment	GPS Latitud	e/Longitude	Issue No.
No.	Start	End	Category	item	tion	ing	Action/Comment	Start	End	Photo
28	2.60	2.68	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	37.643715 ° -121.229104 °	37.642821 ° -121.229912 °	18
29	2.62	2.62	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	37.643531 ° -121.229398 °	37.643531 ° 121.229398 °	19
30	2.66	2.66	Earthen Levee	Vegetation	WS	М	Remove the wild growth other than native grasses from the levee slopes.	37.643080 ° -121.229905 °	37.643080 ° 121.229905 °	20
31	2.74	2.74	Earthen Levee	Encroachments	WS	W	Pipe	37.642005 ° -121.229742 °	37.642005 ° 121.229742 °	21 Y
32	2.89	2.89	Earthen Levee	Encroachments	WS	W	Pipe	37.640133 ° -121.230037 °	37.640133 ° -121.230037 °	25 Y
33	2.91	2.91	Earthen Levee	Encroachments	WS	W	Pipe	37.639824 ° -121.230005 °	37.639824 ° 121.230005 °	24 Y
34	2.92	3.20	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	37.639668 ° -121.230066 °	37.637066 ° -121.233780 °	22 Y
35	2.92	3.20	Earthen Levee	Vegetation	CR	М	Control annual grass and weeds on the levee slopes and easements.	37.639670 ° -121.230065 °	37.637066 ° 121.233780 °	23

## Levee Inspection Report By Mile - Spring 2010

# **Reclamation District No. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.20	04/27/2010 04/27/2010	John Paasch

Levee Mile Report Line	1					
Start Levee Mile	0.04					
End Levee Mile	1.61					
Location	Water Side					
Category	Earthen Levee					
Item	Vegetation					
Vegetation on top 20' of waterside slope limits visibility. Photo at LM 1.6						
jpaasch_s_20100428_352.jpg						

	<u> </u>
Levee Mile Report Line	2
Start Levee Mile	0.04
End Levee Mile	0.17
Location	Land Side
Category	Earthen Levee
Item	Vegetation
Annual grasses and wee	ds on levee slope.

jpaasch_s_20100428_339.jpg		
Levee Mile Report Line	7	
Start Levee Mile	0.19	
End Levee Mile	0.19	
Location	Crown	
Category	Earthen Levee	
Item	Encroachments	
Drainage discharge under levee crown.		







jpaasch\_s\_20100428\_340.jpg

\*\* Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

## Levee Inspection Report By Mile - Spring 2010

# **Reclamation District No. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.20	04/27/2010 04/27/2010	John Paasch

Levee Mile Report Line	9	
Start Levee Mile	0.49	
End Levee Mile	0.49	
Location	Water Side	
Category	Earthen Levee	
Item	Trim / Thin Trees	
Trees on top 20-ft of waterside slope block access and visibility.		
jpaasch s 20100330 133.jpg		

Levee Mile Report Line	11	
Start Levee Mile	0.76	
End Levee Mile	1.80	
Location	Land Side	
Category	Earthen Levee	
lt	F	
item	Encroachments	
Concrete ditch near landside toe.		

jpaasch\_s\_20100428\_341.jpg

Levee Mile Report Line	18	
Start Levee Mile	1.61	
End Levee Mile	1.82	
Location	Water Side	
Category	Earthen Levee	
Item	Vegetation	
Obstructive vegetation on waterside slope within 20' of crown.		







\* Location
LS: Land Side
WS: Water Side
CR: Crown

jpaasch\_s\_20100428\_343.jpg

\*\* Rating

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U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected

## Levee Inspection Report By Mile - Spring 2010

# **Reclamation District No. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.20	04/27/2010 04/27/2010	John Paasch

Levee Mile Report Line	19	
Start Levee Mile	1.61	
End Levee Mile	1.61	
Location	Water Side	
Category	Earthen Levee	
Item	Encroachments	
Photo of pump in background and CMP riser with valve in foreground.		

jpaasch\_s\_20100428\_342.jpg

Levee Mile Report Line	20	
Start Levee Mile	1.62	
End Levee Mile	1.84	
Location	Land Side	
Category	Earthen Levee	
Item	Vegetation	
Dartielly abetructive annual grasses on layer		

Partially obstructive annual grasses on levee slope.

jpaasch\_s\_20100428\_344.jpg

Levee Mile Report Line	21		
Start Levee Mile	1.62		
End Levee Mile	1.84		
Location	Water Side		
Category	Earthen Levee		
Item Trim / Thin Trees			
Trees on top 20' of waterside slope obstruct			

access and visibility.

jpaasch\_s\_20100428\_347.jpg







\* Location
LS: Land Side
WS: Water Side
CR: Crown

\*\* Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected

#### Levee Inspection Report By Mile - Spring 2010

### **Reclamation District No. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.20	04/27/2010 04/27/2010	John Paasch

Levee Mile Report Line	23		
Start Levee Mile	1.91		
End Levee Mile	2.00		
Location	Water Side		
Category	ategory Supplemental		
Item DWR Erosion Survey			
Spring 2010 photo of erosion site. San Joaquin			

Spring 2010 photo of erosion site. San Joaquin river is eroding the existing berm.

jpaasch\_s\_20100428\_345.jpg

Levee Mile Report Line	23
Start Levee Mile	1.91
End Levee Mile	2.00
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

2009: recommend annual assessment and monitoring of critical erosion site, per CLRO CES Evaluation 2008 Report; an eddy has formed, eroding bank and intruding into the levee prism; site # same as RM76.3,LM1.89; previously rated "U" [2009 SiteID:RD2101U1RM73.92]

SJR2009\_RM73.92a.JPG

Levee Mile Report Line	23
Start Levee Mile	1.91
End Levee Mile	2.00
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

2009: recommend annual assessment and monitoring of critical erosion site, per CLRO CES Evaluation 2008 Report; an eddy has formed, eroding bank and intruding into the levee prism; site # same as RM76.3,LM1.89; previously rated "U" [2009 SiteID:RD2101U1RM73.92]

SJR2009\_RM73.92b.JPG







\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

#### Levee Inspection Report By Mile - Spring 2010

## **Reclamation District No. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.20	04/27/2010 04/27/2010	John Paasch

Levee Mile Report Line	22
Levee Mile Report Line	23
Start Levee Mile	1.91
End Levee Mile	2.00
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

2009: recommend annual assessment and monitoring of critical erosion site, per CLRO CES Evaluation 2008 Report; an eddy has formed, eroding bank and intruding into the levee prism; site # same as RM76.3,LM1.89; previously rated "U" [2009 SiteID:RD2101U1RM73.92]

SJR2009\_RM73.92c.JPG

Levee Mile Report Line	23
Start Levee Mile	1.91
End Levee Mile	2.00
Location	Water Side
Category	Supplemental
Item	DWR Erosion Survey

2009: recommend annual assessment and monitoring of critical erosion site, per CLRO CES Evaluation 2008 Report; an eddy has formed, eroding bank and intruding into the levee prism; site # same as RM76.3,LM1.89; previously rated "U" [2009 SiteID:RD2101U1RM73.92]

SJR2009\_RM73.92e.JPG

Levee Mile Report Line	31
Start Levee Mile	2.74
End Levee Mile	2.74
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Irrigation intake near Maz	ze Blvd.





jpaasch\_s\_20100428\_348.jpg

\* Location

LS : Land Side

WS : Water Side

CR : Crown

\*\* Rating

A : Acceptable
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U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

## Levee Inspection Report By Mile - Spring 2010

# **Reclamation District No. 2101 Blewett**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Left	3.20	04/27/2010 04/27/2010	John Paasch

Levee Mile Report Line	32
Start Levee Mile	2.89
End Levee Mile	2.89
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Risers on waterside berm leading to levee indicate penetration.	•

jpaasch\_s\_20100428\_349.jpg

Levee Mile Report Line	33
Start Levee Mile	2.91
End Levee Mile	2.91
Location	Water Side
Category	Earthen Levee
Item	Encroachments
Drainage discharge to Sa	an Joaquin River

jpaasch\_s\_20100428\_350.jpg

Levee Mile Report Line	34					
Start Levee Mile	2.92					
End Levee Mile	3.20					
Location	Land Side					
Category	Earthen Levee					
Item	Vegetation					
Vegetation on crown and slopes needs maintenance for access and visibility.						







\* Location

LS : Land Side

WS : Water Side

CR : Crown

jpaasch\_s\_20100428\_351.jpg

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected

### **Unit Cover Sheet**

## **Spring 2010 Levee Inspection Results**

	Bank	Unit Miles						
Unit No. 02 San Joaquin River (Spur Levee)					0.31			
	Spring (March - May)	Summer (June - August)	(September - November) Fall		Winter ber - February)			
Unit Maintenance Rating (Fall Only)								
Date of Inspection	4/27/2010 - 4/27/2010							
DWR Inspector	John Paasch							
Accompanied By	Jim Coddington RD 2101							
Check one:								
project components conditions other that deficiencies identified.  During the current with project components maintenance and the following changes in (In the comment see	vinter (or summer) inspection peridentified in the attached Leven the results of our normal mailed in the enclosed report.  vinter (or summer) inspection peridentified in the attached Levener corrections we have made to a flood project conditions.  ction below or on additional short (Land Side, Water Side, or Conditions)	te Inspection Report by intenance and the correction, my staff or I have be Inspection Report by a maintenance deficience eet(s), identify change of	Mile. We have found no chan ctions we have made to main a inspected the levee and assorting Mile. In addition to the results sies identified in the report, we for condition by: Start to End Le	ges in flo tenance ociated fl of our no have fou	ood project  ood  ormal  und the			
Comments	- 4- b		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		1			
One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to:  DWR Summer/Winter Inspection Reports 3310 El Camino Avenue, Room LL-30 Sacramento, CA 95821-9000								
x								
Signature of LMA Repres	sentative		Date					

## Levee Inspection Report By Mile - Spring 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River (Spur Levee)	Right	0.31	04/27/2010 04/27/2010	John Paasch

LMR No.	Levee	Mile End	Category	Item	* tign   Ration/Comment   Action/Comment		GPS Latitud	le/Longitude End	Issue No. Photo	
1	0.07	0.10	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	37.660686 ° -121.243250 °	37.661180 ° -121.243086 °	1 Y
2	0.31	0.31	Earthen Levee	Erosion / Bank Caving	WS	M	Schedule repair of erosion site prior to the next inspection. Inspector Comments: At the end of this spur two rivers converge and due to past high water events a large scour hole has been formed. It is now filled in with vegetation. The next HW event could further scour this large hole.	37.663998 ° -121.242925 °	37.663998 ° -121.242925 °	2

## Levee Inspection Report By Mile - Spring 2010

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River (Spur Levee)	Right	0.31	04/27/2010 04/27/2010	John Paasch

Levee Mile Report Line	1	
Start Levee Mile	0.07	
End Levee Mile	0.10	
Location	Water Side	
Category	Earthen Levee	
Item	Vegetation	
Broad leaf vegetation on levee slope partially block visibility.		
jpaasch_s_20100428_338.jpg		

